





PTO/SB/50 (08-057 Approved for use through 12/30/2000. OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE.

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REISSUE PATENT APPLICATION TRANSMITTAL

| Address to: | Attorney Docket No. | 50277-1646 | | | | | | | |
|--|--|---------------|--|--|--|--|--|--|--|
| Assistant Commissioner for Patents | First Named Inventor | Gary Hallmark | | | | | | | |
| Box Reissue | Original Patent Number | 5,857,180 | | | | | | | |
| Washington, DC 20231 | Original Patent Issue Date (Month/Day/Year) | 1/5/1999 | | | | | | | |
| | Express Mail Label No. | EL652872248US | | | | | | | |
| APPLICATION FOR REISSUE OF: (Check applicable box) Utility Patent Design Patent Plant Patent | | | | | | | | | |
| APPLICATION ELEMENTS (37 CFR 1.173) | ACCOMPANYING APPLICATION PARTS | | | | | | | | |
| 1. Submit an original, and a duplicate for fee processing) | 7. X Statement of status/support for all changes to the claims. See 37 CFR 1.173 (c). 8. Original U.S. Patent for surrender | | | | | | | | |
| 2. Applicant claims small entity status. See 37 CFR 1.27. | Ribboned Original Patent Grant | | | | | | | | |
| 3. X Specification and Claims in double column copy of patent format (amended, if appropriate) | Statement of Loss (PTO/SB/55) | | | | | | | | |
| Drawing(s) (proposed amendments, if appropriate) | 9. Foreign Priority Claim (35 U.S.C. 119) (if applicable) | | | | | | | | |
| Reissue Oath/Declaration (original or copy) 5. X (37 C.F.R. § 1.175) (PTO/SB/51 or 52) (unsigned) | 10. X Information Disclosure X Copies of IDS Statement (IDS)/PTO-1449 Citations 11. English Translation of Reissue Oath/Declaration | | | | | | | | |
| 6. Original U.S. Patent currently assigned? | | | | | | | | | |
| | (if applicable) | | | | | | | | |
| Y Yes No | 12. X Preliminary Amendment | | | | | | | | |
| (If Yes, check applicable box(es)) | 13. X Return Receipt Postcard (MPEP 503) C 23 | | | | | | | | |
| (Snould be specifically itemized) | | | | | | | | | |
| - Rever of | 14. Other: | | | | | | | | |
| X 37 C.F.R. § 3.73(b) Statement X Attorney | | | | | | | | | |
| (PTO/SB/96) | S 6 | | | | | | | | |
| 15 CORRESPONDENCE AD | DRESS | | | | | | | | |
| 15. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label (Insert Customer No. or Attach ber code label here) Customer Number or Bar Code Label | | | | | | | | | |
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| NAME (PrintlType) Brian D. Hickman Registration No. (Attorney/Agent) 35,894 | | | | | | | | | |

Jan. 5, 2001 Date Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Reissue, Washington, DC 20231.





PTO/SB/56 (08-00)

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| REISSUE APPLICATION FEE TRANSMITTAL FORM | | | | | | | Docket Number (Optional) | | | | |
|--|---|-------|------------------------------------|-----------|----------------------------|-------|--------------------------|-------------|---------------------------|-------|--|
| 50277-1646 | | | | | | | | | | | |
| Claims in Number Filed in (3) Small Entity Other than a Small Entity | | | | | | | | | | | |
| Patent | | | er Filed in Application | Nun | (3) nber Extra | Rate | Fee | | Rate | Fee | |
| (A) 19 | Total Claims (37 CFR 1.16(j)) | (B) | 19 | · · · 0 = | | x \$= | | or | x\$ 18= | \$ 0 | |
| (C) 9 | Independent claims (37 CFR 1.16(i)) | (D) | 1 | | | × \$= | | | ×\$ <u>80</u> _= | \$ 0 | |
| Basic Fee (37 CFR 1.16(h)) \$710 \$710 | | | | | | | | | | | |
| Total Filing Fee \$ | | | | | | | \$ | | OR | \$710 | |
| Claims as Amended - Part 2 | | | | | | | | | | | |
| (1) (2) | | | | (3) | O I I Can | | Entity Of | | Other than a Small Entity | | |
| | Claims Remainin After Amendmen | ~ 1 1 | Highest Nur Previous Paid Fo | ly | Extra Claims Present | Rate | Fee | | Rate | Fee | |
| Total Claims (37 CFR 1.16(| | MINUS | ** 20 | | = 52 | x \$= | <u> </u> | | ×\$_18= | \$936 | |
| Independent Claims (37 CFR 1.16 | (i) 10 | MINUS | 9 | | = 1 | x \$= | | _ | ×\$_80_= | \$ 80 | |
| Total Additional Fee \$ OR \$1.016 | | | | | | | | | \$1.016 | | |
| * If the entry in (D) is less than the entry in (C), Write "0" in column 3. *** If the "Highest Number of Total Claims Previously Paid For" is less than 20, Write "20" in this space. **** After any cancellation of claims. **** If "A" is greater than 20, use (B - A); if "A" is 20 or less, use (B - 20). ***** "Highest Number of Independent Claims Previously Paid For" or Number of Independent Claims in Patent (C). Applicant claims small entity status. See 37 CFR 1.27. Please charge Deposit Account No | | | | | | | | | | | |
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| Date Signature of Applicant, Attorney or Agent of Re | | | | | | | | t of Record | | | |
| Brian D. Hickman | | | | | | | | | | | |
| Typed or printed name | | | | | | | | | | | |